

Appl. No. 10/713,516
Amdt. dated June 21, 2005
Reply to Office action of March 21, 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended) A composition of matter for waterproofing a surface of a wall, said composition comprising:

- a hydrocarbon resin;
- a ~~block copolymer~~ rubber composition;
- a non-flammable solvent system including at least one chlorinated organic solvent.

Claim 2 (currently amended) The composition of matter as recited in claim 1, wherein said ~~block copolymer~~ rubber composition is selected from the group consisting of styrene-isoprene-styrene block copolymers, styrene-butadiene-styrene block copolymers, and styrene-ethylene/butylene-styrene block copolymers.

Claim 3 (original) The composition of matter as recited in claim 1, wherein said hydrocarbon resin is a petroleum hydrocarbon resin.

Claim 4 (original) The composition of matter as recited in claim 1, wherein said hydrocarbon resin is a polyterpene resin.

Claim 5 (original) The composition of matter as recited in claim 1, wherein said at least one chlorinated organic solvent is selected from the group consisting of methylene chloride, ethylene tetrachloride, ethylene trichloride, ethane trichloride, trichloromethane, carbon tetrachloride, and chloroacetyl chloride.

Claim 6 (original) The composition of matter as recited in claim 1, wherein said at least one chlorinated organic solvent is ethylene tetrachloride.

Claim 7 (original) The composition of matter as recited in claim 1, further comprising a pigment.

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Claim 8 (original) The composition of matter as recited in claim 1 wherein said solvent system comprises a perchlor blend, said perchlor blend comprising perchloroethylene and additives selected from the group consisting of wetting agents, emulsifying agents, solubilizing agents, stabilizing agents and combinations thereof.

Claim 9 (original) The composition of matter as recited in claim 1 wherein said composition has a viscosity of about 6,000 cps to about 15,000 cps at 77°F.

Claim 10 (original) The composition of matter as recited in claim 1 wherein said composition has a viscosity of about 2,000 cps to about 6,000 cps at 140°F.

Claim 11 (original) The composition of matter as recited in claim 1 wherein said composition has a viscosity of about 14,400 cps at 77°F and about 5,600 cps at 140°F.

Claim 12 (canceled)

Claim 13 (original) The composition of matter as recited in claim 1 wherein said solvent system has no flash point.

Claim 14 (currently amended) The composition of matter as recited in claim 1, wherein said hydrocarbon resin comprises:

an aliphatic C5 resin ~~having a narrow molecular weight distribution.~~

Claim 15 (currently amended) The composition of matter recited in claim 14, wherein said ~~block copolymer~~ rubber composition comprises a styrene-isoprene-styrene block copolymer.

Claim 16 (original) The composition of matter as recited in claim 15 further comprising green chromium oxide pigment dissolved in said solvent system.

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Claim 17 (original) The composition of matter as recited in claim 1, wherein said solvent system comprises about 55% to about 70% of the total weight of said composition.

Claim 18 (original) The composition of matter as recited in claim 1, wherein said resin comprises about 15% to about 18% of the total weight of said composition.

Claim 19 (currently amended) The solution as recited in claim 1, wherein said ~~block copolymer~~ rubber composition comprises about 15% to about 18% of the total weight of said solution.

Claim 20 (original) The composition of matter as recited in claim 1, wherein said hydrocarbon resin comprises:

an aromatically modified C5 hydrocarbon resin.

Claim 21 (currently amended) The composition of matter as recited in claim 20, wherein said ~~block copolymer~~ rubber composition comprises:

a styrene-butadiene-styrene block copolymer.

Claim 22 (original) The composition of matter as recited in claim 1, wherein said hydrocarbon resin is produced by polymerizing and hydrogenating a pure monomer hydrocarbon.

Claim 23 (currently amended) The composition of matter as recited in claim 22, wherein said ~~block copolymer~~ rubber composition comprises a styrene-ethylene/butylene-styrene block copolymer.

Claim 24 (original) The composition of matter as recited in claim 1, further comprising aluminum paste dissolved in said solvent system.

Claim 25 (currently amended) A solution for coating basement walls wherein a polymer based waterproofing composition is a hydrocarbon resin and a block copolymer dissolved in a non-flammable chlorinated organic solvent.

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Claim 26 (original) A composition of matter for waterproofing a surface of a wall, said composition of matter comprising:

a hydrocarbon resin;

a block copolymer selected from the group consisting of styrene-isoprene-styrene block copolymers, styrene-butadiene-styrene block copolymers, and styrene-ethylene/butylene-styrene block copolymers and mixtures thereof; and

a solvent system of comprising about 80% to about 99% ethylene tetrachloride, wherein said composition is non-flammable.

Claim 27 (currently amended) A waterproofed wall having an interior surface and an exterior surface, said wall comprising:

a continuous, spray coated, water impervious coating disposed on at least one surface, said coating comprising:

a hydrocarbon resin and a rubber composition,

said coating produced by mixing said hydrocarbon resin and said rubber with a non-flammable solvent system comprising a chlorinated organic solvent in an amount sufficient to provide a homogeneous solution having a viscosity of about 6000 cps to about 14,400 cps at 77°F, spraying said solution onto at least one surface of the wall, and thereafter evaporating the solvent system.

Claim 28 (currently amended) A method of coating an exterior surface of a wall, said method comprising the steps of:

preparing a coating solution comprising a hydrocarbon resin, a rubber, and a pigment, and a non-flammable chlorinated organic solvent system, wherein the solution has a viscosity of about 6000 cps to about 14,400 cps at 77°F and about 2000 cps to about 5600 cps at 140°F;

spraying said solution on a surface of a wall; and

evaporating the solvents to provide a continuous, impervious elastomeric coating on said surface.